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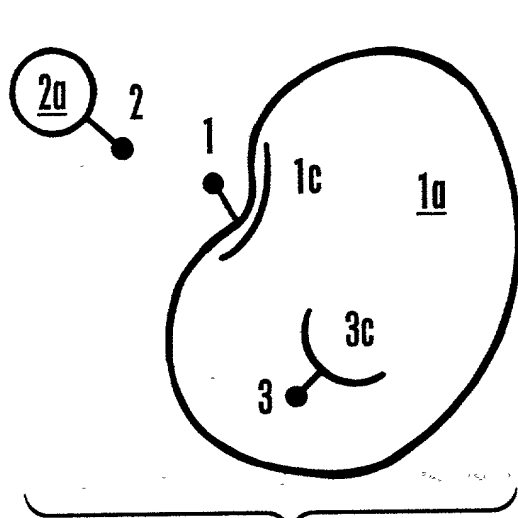


Fig. 1A

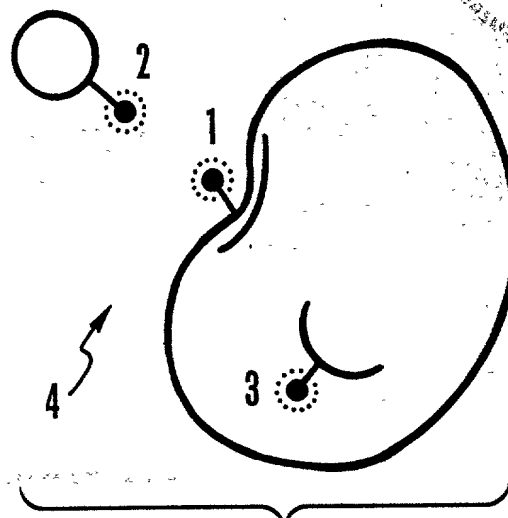


Fig. 1B

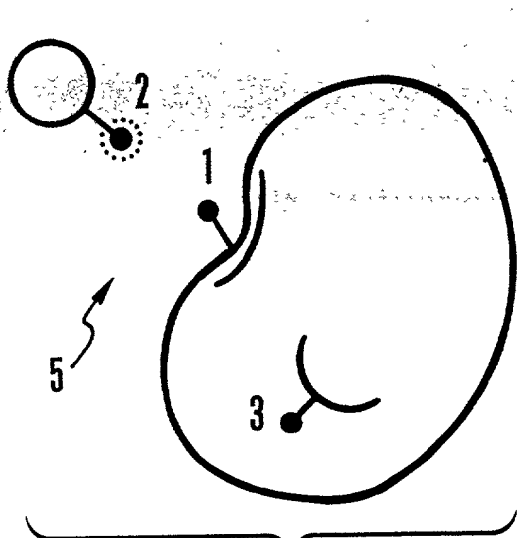


Fig. 1C

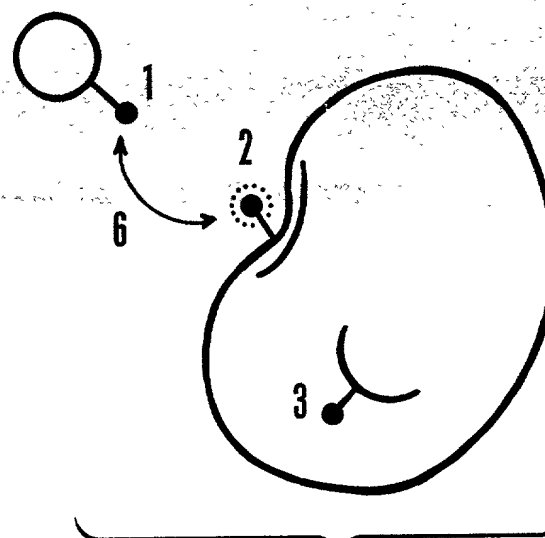


Fig. 1D

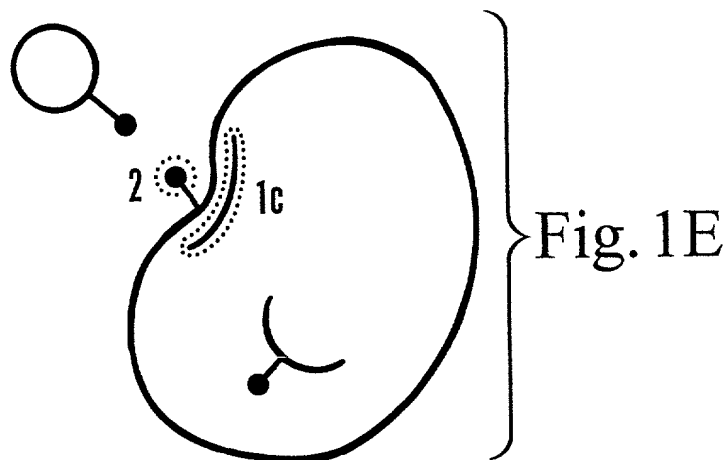


Fig. 1E

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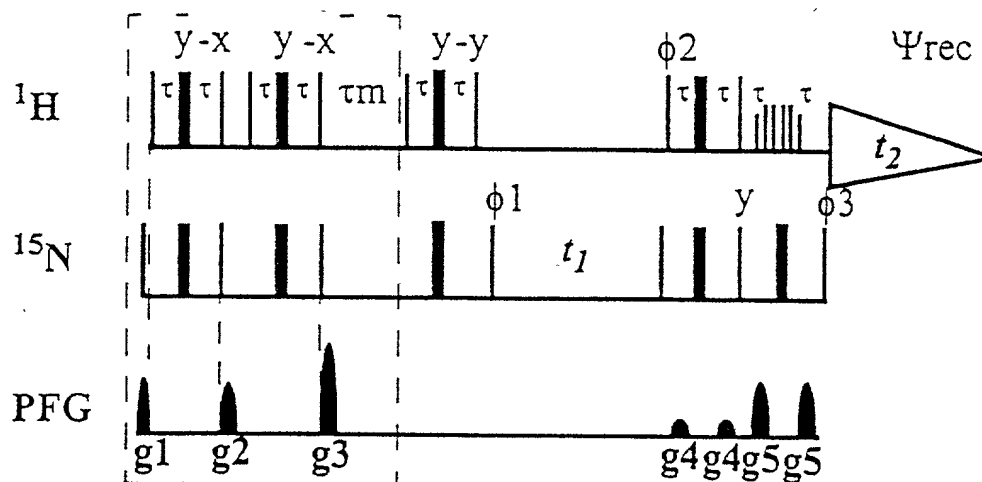


Figure 2a

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Figure 2b

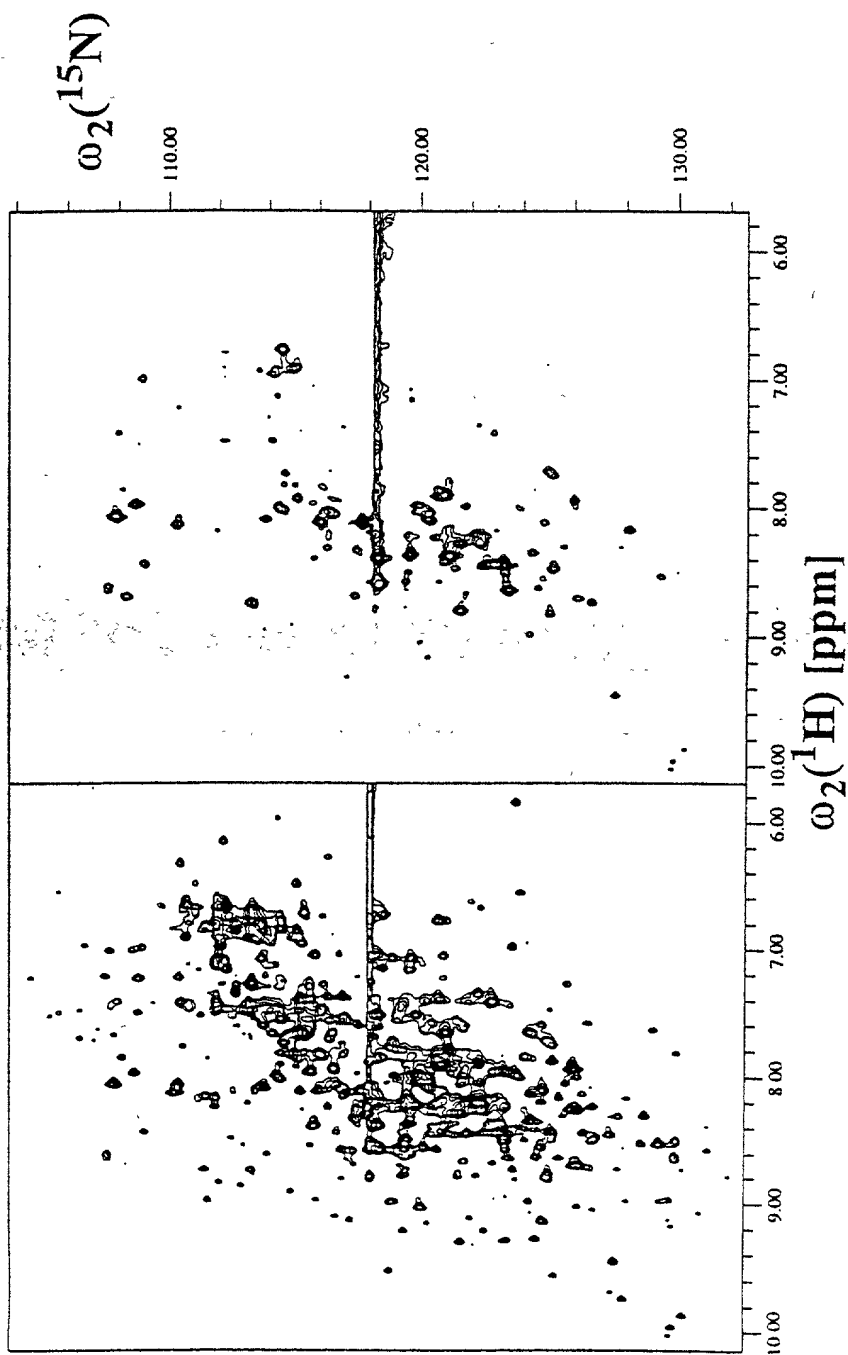
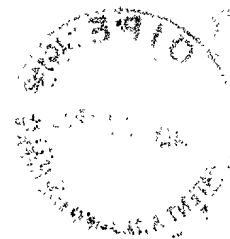


Figure 3

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$\omega_1(^{15}\text{N})$

Ala 235	Thr236	Gly237	Glu238
123.9	113.5	110.2	120.1

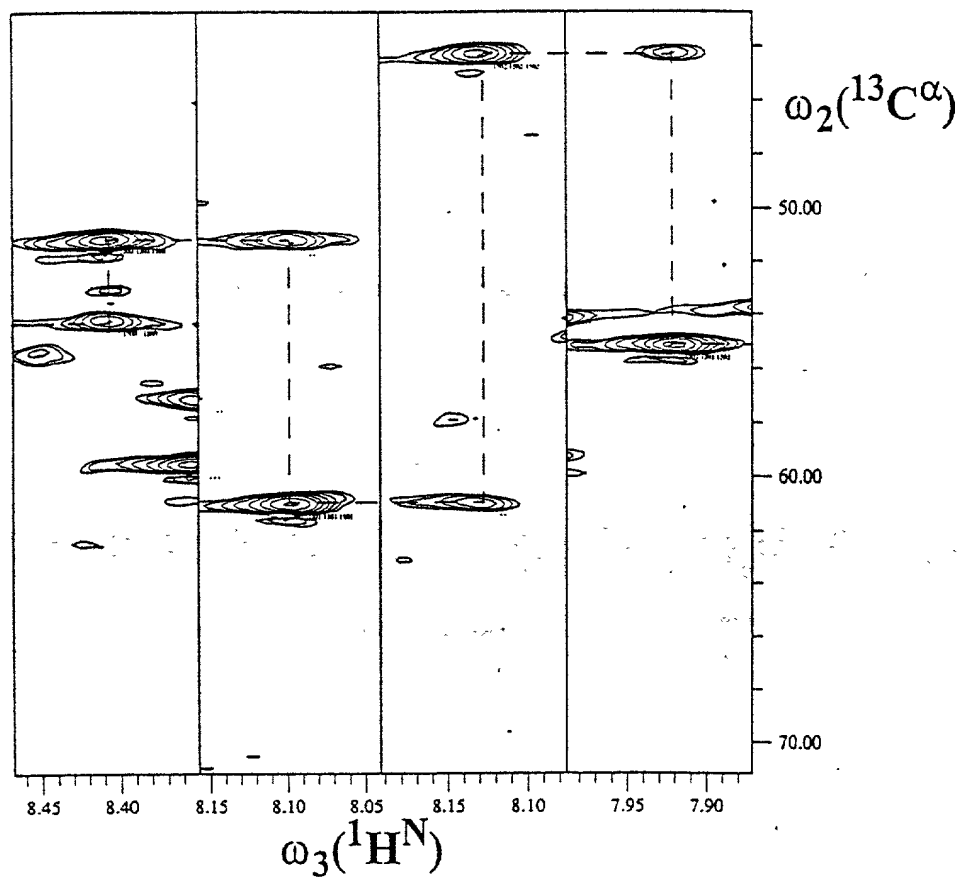


Figure 4a



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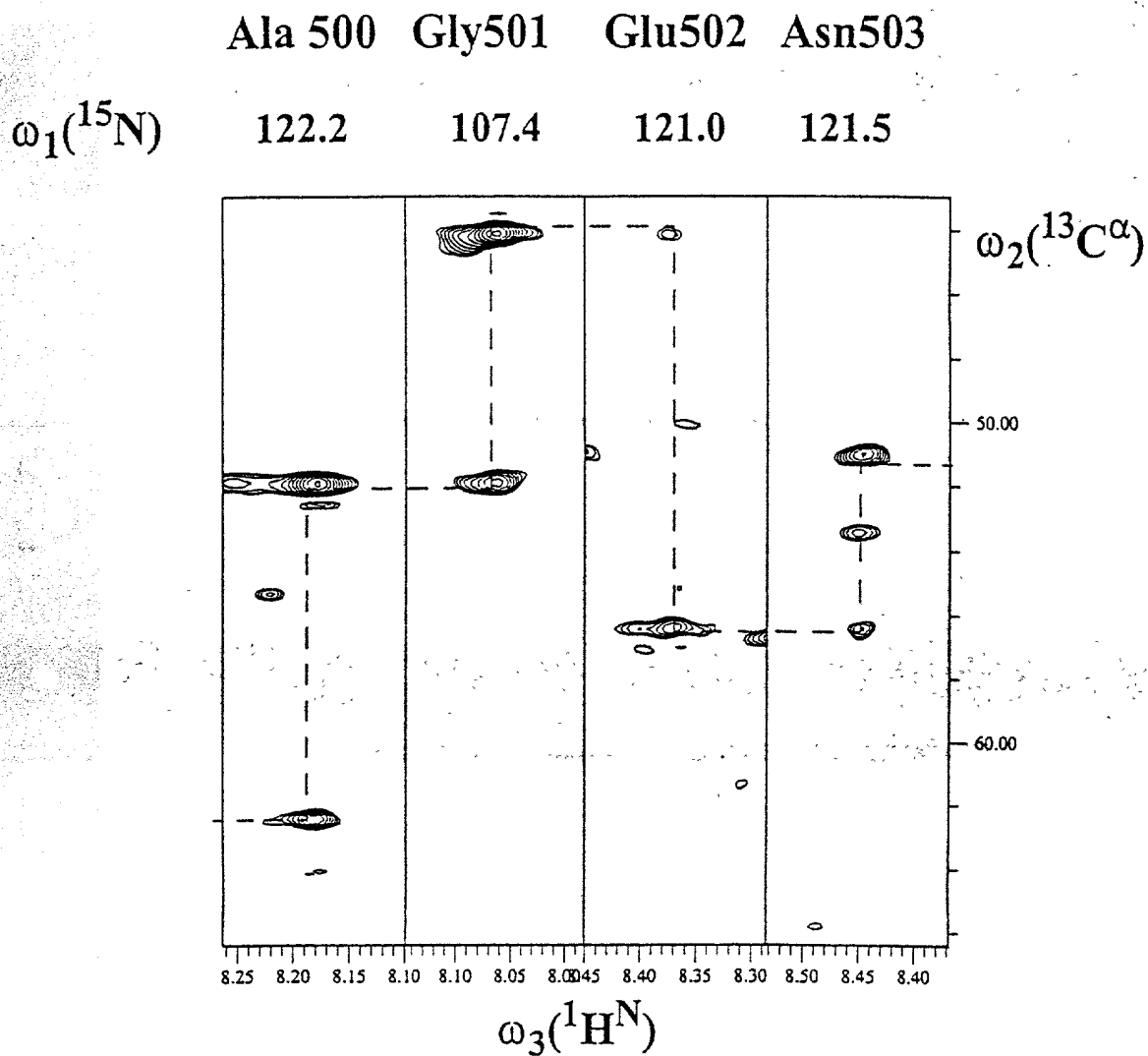
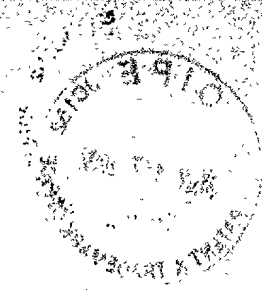


Figure 4b

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Asp632

Ala633

$\omega_1(^{15}\text{N})$

120.9

127.6

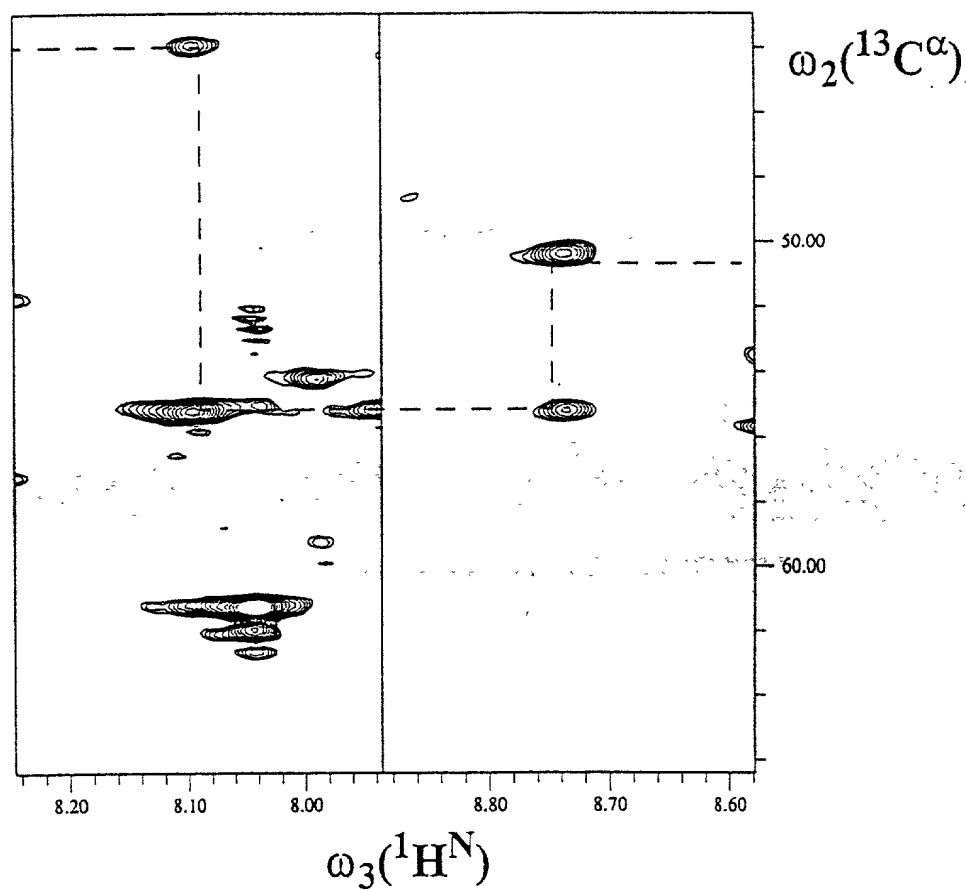


Figure 4c

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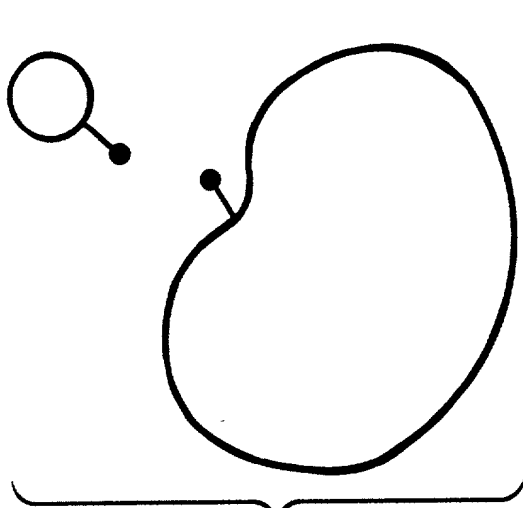


Fig. 5A

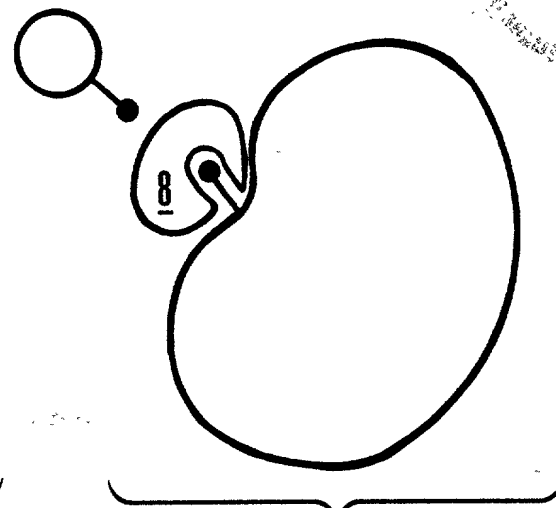


Fig. 5B

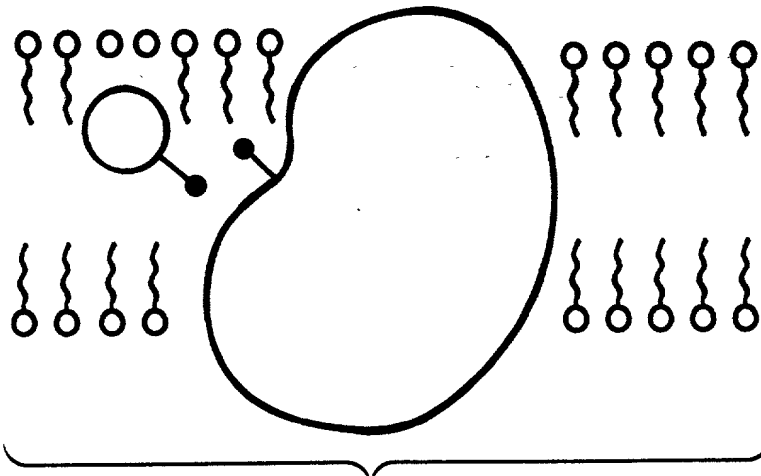


Fig. 5C

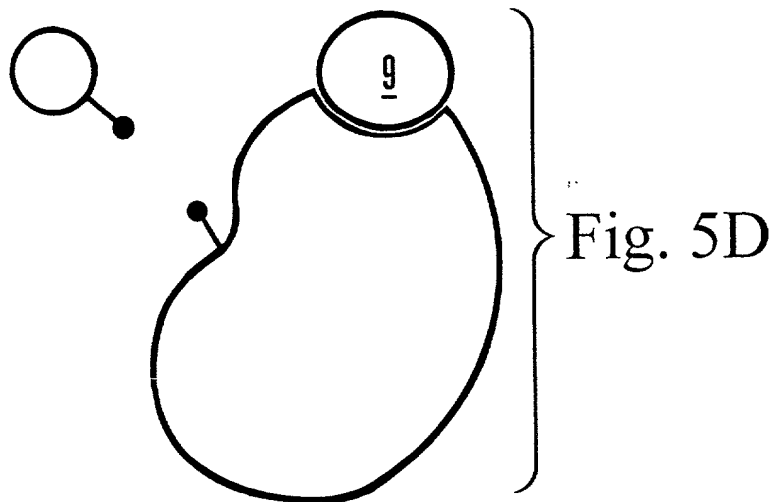


Fig. 5D

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